



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 4**Complete if Known**

Application Number	10/633,879
Filing Date	August 4, 2003
First Named Inventor	Warren Letzsch
Art Unit	
Examiner Name	
Attorney Docket Number	696-261

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JCD	AA	US- 2,436,927	03-02-1948	Kassel	
JCD	AB	US- 2,735,802	02-21-1956	Jahnig	
JCD	AC	US- 2,970,117	01-31-1961	Harper	
JCD	AD	US- 3,672,069	06-27-1972	Reh et al.	
JCD	AE	US- 3,702,886	11-14-1972	Argauer et al.	
JCD	AF	US- 3,758,403	09-11-1973	Rosinski et al.	
JCD	AG	US- 3,990,992	11-09-1976	McKinney	
JCD	AH	US- 4,009,121	02-22-1977	Luckenbach	
JCD	AI	US- 4,064,039	12-20-1977	Penick	
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JCD	AL	US- 4,284,494	08-18-1981	Bartholic et al.	
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JCD	AN	US- 4,343,634	08-10-1982	Davis	
JCD	AO	US- 4,353,812	10-12-1982	Lomas et al.	
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JCD	AS	US- 4,433,984	02-28-1984	Gartside et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/John Douglas/

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Sheet **2** of **4****Complete if Known**

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JCD	AT	US- 4,434,245	02-28-1984	Lomas et al.	
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JCD	BA	US- 4,828,679	05-09-1989	Cormier, Jr. et al.	
JCD	BB	US- 4,891,129	01-02-1990	Barnes	
JCD	BC	US- 4,965,232	10-23-1990	Mauleon et al.	
JCD	BD	US- 4,980,053	12-25-1990	Li et al.	
JCD	BE	US- 5,027,893	07-02-1991	Cetinkaya et al.	
JCD	BF	US- 5,043,058	08-27-1991	Forgac et al.	
JCD	BG	US- 5,087,427	02-11-1992	Quinn et al.	
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JCD	BI	US- 5,232,675	08-03-1993	Shu et al.	
JCD	BJ	US- 5,234,578	08-10-1993	Stine et al.	
JCD	BK	US- 5,248,408	09-28-1993	Owen	
JCD	BL	US- 5,259,855	11-09-1993	Ross, Jr. et al.	

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Sheet 3

of 4

**Complete if Known**

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JCD	BM	US- 5,326,465	07-05-1994	Yongqing et al.	
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JCD	BS	US- 5,601,787	02-11-1997	Owen et al.	
JCD	BT	US- 5,670,037	09-23-1997	Zaiting et al.	
JCD	BU	US- 5,976,355	11-02-1999	Johnson et al.	
JCD	BV	US- 6,210,562	04-03-2001	Xie et al.	
JCD	BW	US- 6,211,104	04-03-2001	Shi et al.	
JCD	BX	US- 6,482,312	11-19-2002	Gartside et al.	
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/633,879
		Filing Date	August 4, 2003
		First Named Inventor	Warren Letzsch
		Group Art Unit	1764
		Examiner Name	
Sheet 4 of 4	Attorney Docket Number	696-261	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JCD	CA	Bai, Yaoshua, "Heat Transfer in the Circulating Fluidized Bed of a Commercial Catalyst Cooler," Refinery, Daqing Petrochemical Complex, CNPC, Longfeng District, Daqing, Heilongjiang 163711, People's Republic of China; Available Online July 7, 2000	AB
JCD	CB	Chan, Ting Y and Soni, Dalip S., et al., "Advances in Catalyst Cooler Technology," Process Heating/Fluid Flow September 1999.	
JCD	CC	Lai, Zhouping, "Catalyst Cooling Techniques in Heavy Oil FCCU," Lianyou Sheji Bianjibu (1995), 25(6), 44-8.	AB
JCD	CD	"MSCC Process;" UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017, www.uop.com	

No year  
JCD

Examiner Signature	/John Douglas/	Date Considered	05/02/2006
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